

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2015 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including DWR Erosion Survey**

**San Joaquin River Basin**

| <b>RD0404</b>                              | Overall LMA Rating     | Total LMA Miles | * Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A. |             |             |         |                              |         |
|--|------------------------|-----------------|---|-------------|-------------|---------|------------------------------|---------|
| <b>Reclamation District No. 0404 Boggs</b> | <b>M *</b>             | <b>4.10</b>     |   |             |             |         |                              |         |
| Rated Item                                 | Maintenance Deficiency |                 |   |             | Enforcement |         | Design & System Obsolescence |         |
|  | M Miles                | U Miles         | M + 4U Miles  | Threshold % | M Miles     | U Miles | M Miles                      | U Miles |
| <i>Earthen Levee</i>                       |                        |                 |   |             |             |         |                              |         |
| Vegetation                                 | 0.05                   |                 | 0.05  | 1.22%       |             |         |                              |         |
| Trim / Thin Trees                          | 0.11                   | 0.02            | 0.19  | 4.63%       |             |         |                              |         |
| Encroachments                              | 0.01                   |                 | 0.01  | 0.24%       |             | 0.01    |                              |         |
| Animal Control                             | 0.02                   |                 | 0.02  | 0.49%       |             |         |                              |         |
| Slope Stability                            | 0.01                   |                 | 0.01  | 0.24%       |             |         |                              |         |
| Erosion / Bank Caving                      | 0.01                   |                 | 0.01  | 0.24%       |             |         |                              |         |
| Riprap Revetments                          | 0.03                   |                 | 0.03  | 0.73%       |             |         |                              |         |
| <i>Supplemental</i>                        |                        |                 |   |             |             |         |                              |         |
| DWR Erosion Survey                         | 0.02                   | 0.01            | 0.06  | 1.46%       |             |         |                              |         |
| DWR UCIP Field Study                       |                        |                 |   |             | 0.13        | 0.04    |                              |         |
| <i>LMA Totals:</i>                         | 0.26                   | 0.03            | 0.38  | 9.26% *     | 0.13        | 0.05    | 0.00                         | 0.00    |

| <b>Unit No. 01 San Joaquin River RB</b> | Overall Unit Rating    | Total Unit Miles |              |             |             |         |                              |         |
|---|------------------------|------------------|--------------|-------------|-------------|---------|------------------------------|---------|
| <b>RD0404</b>                           | <b>M</b>               | <b>2.35</b>      |              |             |             |         |                              |         |
| Rated Item                              | Maintenance Deficiency |                  |              |             | Enforcement |         | Design & System Obsolescence |         |
|   | M Miles                | U Miles          | M + 4U Miles | Threshold % | M Miles     | U Miles | M Miles                      | U Miles |
| <i>Earthen Levee</i>                    |                        |                  |              |             |             |         |                              |         |
| Vegetation                              | 0.05                   |                  | 0.05         | 2.13%       |             |         |                              |         |
| Trim / Thin Trees                       | 0.10                   | 0.01             | 0.14         | 5.96%       |             |         |                              |         |
| Encroachments                           | 0.01                   |                  | 0.01         | 0.43%       |             | 0.01    |                              |         |
| Animal Control                          | 0.01                   |                  | 0.01         | 0.43%       |             |         |                              |         |
| Slope Stability                         | 0.01                   |                  | 0.01         | 0.43%       |             |         |                              |         |
| Erosion / Bank Caving                   | 0.01                   |                  | 0.01         | 0.43%       |             |         |                              |         |
| Riprap Revetments                       | 0.03                   |                  | 0.03         | 1.28%       |             |         |                              |         |
| <i>Supplemental</i>                     |                        |                  |              |             |             |         |                              |         |
| DWR Erosion Survey                      | 0.02                   | 0.01             | 0.06         | 2.55%       |             |         |                              |         |
| DWR UCIP Field Study                    |                        |                  |              |             | 0.08        | 0.03    |                              |         |
| <i>Unit Totals:</i>                     | 0.24                   | 0.02             | 0.32         | 13.63%      | 0.08        | 0.04    | 0.00                         | 0.00    |

| <b>Unit No. 02 French Camp Slough RB</b> | Overall Unit Rating    | Total Unit Miles | * Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A. |             |             |         |                              |         |
|--|------------------------|------------------|---|-------------|-------------|---------|------------------------------|---------|
| <b>RD0404</b>                            | <b>M *</b>             | <b>1.75</b>      |   |             |             |         |                              |         |
| Rated Item                               | Maintenance Deficiency |                  |   |             | Enforcement |         | Design & System Obsolescence |         |
|  | M Miles                | U Miles          | M + 4U Miles  | Threshold % | M Miles     | U Miles | M Miles                      | U Miles |
| <i>Earthen Levee</i>                     |                        |                  |   |             |             |         |                              |         |
| Trim / Thin Trees                        | 0.01                   | 0.01             | 0.05  | 2.85%       |             |         |                              |         |
| Animal Control                           | 0.01                   |                  | 0.01  | 0.57%       |             |         |                              |         |
| <i>Supplemental</i>                      |                        |                  |   |             |             |         |                              |         |
| DWR UCIP Field Study                     |                        |                  |   |             | 0.05        | 0.01    |                              |         |
| <i>Unit Totals:</i>                      | 0.02                   | 0.01             | 0.06  | 3.42% *     | 0.05        | 0.01    | 0.00                         | 0.00    |

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2015 Levee Inspection Results**

**Reclamation District No. 0404 Boggs**

|                                  | Spring<br>(March - May) | Summer **<br>(June - August) | Fall<br>(September - November) | Winter **<br>(December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| * Overall LMA Rating (Fall Only) |                         |                              | M                              |                                    |

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
**SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**Reclamation District No. 0404 Boggs**

| Waterway                               |                         |                           | Bank                           | Unit Miles                      |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 01 San Joaquin River          |                         |                           | Right                          | 2.35                            |
|  | Spring<br>(March - May) | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - February) |
| Unit Maintenance Rating<br>(Fall Only) |                         |                           | <b>M</b>                       |                                 |
| Date of Inspection                     | 04/14/2015 - 04/14/2015 |                           | 10/15/2015 - 10/15/2015        |                                 |
| DWR Inspector                          | Richard Willoughby      |                           | Richard Willoughby             |                                 |
| Accompanied By                         | Bob Winter<br>KSN       |                           | Bob Winter<br>KSN              |                                 |

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  |                      | Rating **    | M  | Issue No.              | 105           |
| LM End  |                      | Issue Type + | En | Location *             | WS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 37.937212 °            | 37.937212 °   |
|   |                      |              |    | -121.333762 °          | -121.333762 ° |
| DWR ID  |                      |              |    |                        |               |
| Action/Comments   |                      |              |    |                        |               |
| Inspector Comments: FS_ID:46810   |                      |              |    |                        |               |
| DS_ID:17946   |                      |              |    |                        |               |
| EP_NO: N/A  |                      |              |    |                        |               |
| FS_HLM: 0.82  |                      |              |    |                        |               |
| Repair Type: Non-Urgent   |                      |              |    |                        |               |
| Crossing Status: Found  |                      |              |    |                        |               |
| UCIP Comments: Appears abandoned; if so should be done so properly.                               |                      |              |    |                        |               |
| FIELD_STRUCT_DESC: Underground telephone cable through levee and across channel. Non-operational. |                      |              |    |                        |               |
| FS Date: 08/04/2015   |                      |              |    |                        |               |

Photo 1 of 3 : UCIP\_FA\_2015\_4408.jpg



WS view looking south: conduits penetrating levee slope now disconnected with those attached to bridge

|          |  |              |    |            |                   |
|----------|--|--------------|----|------------|-------------------|
| LM Start |  | Rating **    | M  | Issue No.  | <b>105 (cont)</b> |
| LM End   |  | Issue Type + | En | Location * | WS                |

Photo 2 of 3 : UCIP\_FA\_2015\_4411.jpg



WS view looking west: conduits thru levee and attached to bridge

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|                                 |                      |              |    |                        |            |               |
|---------------------------------|----------------------|--------------|----|------------------------|------------|---------------|
| LM Start                        |                      | Rating **    | M  | Issue No.              | 105 (cont) |               |
| LM End                          |                      | Issue Type + | En | Location *             | WS         |               |
| Category                        | Supplemental         |              |    | GPS Latitude/Longitude |            |               |
|                                 |                      |              |    | Start                  |            | End           |
| Item                            | DWR UCIP Field Study |              |    | 37.937212 °            |            | 37.937212 °   |
|                                 |                      |              |    | -121.333762 °          |            | -121.333762 ° |
| DWR ID                          |                      |              |    |                        |            |               |
| Action/Comments                 |                      |              |    |                        |            |               |
| Inspector Comments: FS_ID:46810 |                      |              |    |                        |            |               |
| DS_ID:17946                     |                      |              |    |                        |            |               |
| EP_NO: N/A                      |                      |              |    |                        |            |               |
| FS_HLM: 0.82                    |                      |              |    |                        |            |               |
| Repair Type: Non-Urgent         |                      |              |    |                        |            |               |
| Crossing Status: Found          |                      |              |    |                        |            |               |

Photo 3 of 3 : UCIP\_FA\_2015\_4412.jpg



WS view at crossing looking north

|   |                      |              |    |                        |             |
|---|----------------------|--------------|----|------------------------|-------------|
| LM Start  |                      | Rating **    | M  | Issue No.              | 106         |
| LM End  |                      | Issue Type + | En | Location *             | WS          |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |             |
|   |                      |              |    | Start                  | End         |
| Item  | DWR UCIP Field Study |              |    | 37.935195 °            | 37.935195   |
|   |                      |              |    | -121.329398 °          | -121.329398 |
| DWR ID  |                      |              |    |                        |             |
| Action/Comments   |                      |              |    |                        |             |
| Inspector Comments: FS_ID:46801   |                      |              |    |                        |             |
| DS_ID:25128   |                      |              |    |                        |             |
| EP_NO: 1164   |                      |              |    |                        |             |
| FS_HLM: 1.09  |                      |              |    |                        |             |
| Repair Type: Non-Urgent   |                      |              |    |                        |             |
| Crossing Status: Indicator Found  |                      |              |    |                        |             |
| UCIP Comments: Conversation with WWTP engineer Ali Gharegozloo suggested this pipe has been welded shut. If so, mode of abandonment needs verification.   |                      |              |    |                        |             |
| FIELD_STRUCT_DESC: 60-inch reinforced concrete sewage pipe 27 FBC. Reinforced concrete apron and cut-off walls, steel sheet piling apron installed with pipe on WS slope. Headwall, stairs, pump with shutoff valve visible on WS slope. Apparent shut off valves 30 ft off LS toe in alignment with pipe. Permit No. 1164, 1947. |                      |              |    |                        |             |
| FS Date: 07/09/2015   |                      |              |    |                        |             |

Photo 1 of 2 : UCIP\_FA\_2015\_4407.jpg



LS view: apparent shut off valves on WWTP property in alignment with 60-inch pipe.

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | + Issue Type<br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|---|--|--|--|--|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|          |                      |              |    |                        |                   |
|----------|----------------------|--------------|----|------------------------|-------------------|
| LM Start |                      | Rating **    | M  | Issue No.              | <b>106 (cont)</b> |
| LM End   |                      | Issue Type + | En | Location *             | WS                |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |                   |
|          |                      |              |    | Start                  | End               |
| Item     | DWR UCIP Field Study |              |    | 37.935195 °            | 37.935195 °       |
|          |                      |              |    | -121.329398 °          | -121.329398 °     |
| DWR ID   |                      |              |    |                        |                   |

**Action/Comments**

Inspector Comments: FS\_ID:46801  
 DS\_ID:25128  
 EP\_NO: 1164  
 FS\_HLM: 1.09  
 Repair Type: Non-Urgent  
 Crossing Status: Indicator Found  
 UCIP Comments: Conversation with WWTP engineer Ali Gharegozloo suggested this pipe has been welded shut. If so, mode of abandonment needs verification.  
 FIELD\_STRUCT\_DESC: 60-inch reinforced concrete sewage pipe 27 FBC. Reinforced concrete apron and cut-off walls, steel sheet piling apron installed with pipe on WS slope. Headwall, stairs, pump with shutoff valve visible on WS slope. Apparent shut off valves 30 ft off LS toe in alignment with pipe. Permit No. 1164, 1947.  
 FS Date: 07/09/2015

Photo 2 of 2 : UCIP\_FA\_2015\_4409.jpg



WS view: pump with shutoff valves, headwall, stairs visible. Concrete debris along WS slope.

|          |                                  |              |    |                        |           |
|----------|----------------------------------|--------------|----|------------------------|-----------|
| LM Start | <b>0.00</b>                      | Rating **    | A  | Issue No.              | <b>24</b> |
| LM End   | <b>0.00</b>                      | Issue Type + | Ma | Location *             | N/A       |
| Category | Earthen Levee                    |              |    | GPS Latitude/Longitude |           |
|          |                                  |              |    | Start                  | End       |
| Item     | Operations & Maintenance Manuals |              |    |                        | °         |
|          |                                  |              |    |                        | °         |
| DWR ID   | DWR_RD0404_01_s_2013_24          |              |    |                        |           |

**Action/Comments**

Inspector Comments: The LMA has a copy of the O & M Manual on file.

No Photos

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|  |                                |              |    |                        |     |
|--|--------------------------------|--------------|----|------------------------|-----|
| LM Start   | 0.00                           | Rating **    | A  | Issue No.              | 25  |
| LM End   | 0.00                           | Issue Type + | Ma | Location *             | N/A |
| Category   | Earthen Levee                  |              |    | GPS Latitude/Longitude |     |
|  |                                |              |    | Start                  | End |
| Item   | Emergency Supplies & Equipment |              |    |                        | °   |
|  |                                |              |    |                        | °   |
| DWR ID   | DWR_RD0404_01_s _ 2013_25      |              |    |                        |     |
| Action/Comments  |                                |              |    |                        |     |
| Inspector Comments: LMA has adequate flood fight supplies on hand. |                                |              |    |                        |     |

No Photos

|   |                               |              |    |                        |     |
|---|-------------------------------|--------------|----|------------------------|-----|
| LM Start  | 0.00                          | Rating **    | A  | Issue No.              | 26  |
| LM End  | 0.00                          | Issue Type + | Ma | Location *             | N/A |
| Category  | Earthen Levee                 |              |    | GPS Latitude/Longitude |     |
|   |                               |              |    | Start                  | End |
| Item  | Flood Preparedness & Training |              |    |                        | °   |
|   |                               |              |    |                        | °   |
| DWR ID  | DWR_RD0404_01_s _ 2013_26     |              |    |                        |     |
| Action/Comments   |                               |              |    |                        |     |
| Inspector Comments: LMA staff are maintaining their flood fight training. |                               |              |    |                        |     |

No Photos

|   |                           |              |    |                        |               |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.13                      | Rating **    | M  | Issue No.              | 31            |
| LM End  | 0.13                      | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|   |                           |              |    | Start                  | End           |
| Item  | Encroachments             |              |    | 37.940677 °            | 37.940677 °   |
|   |                           |              |    | -121.343790 °          | -121.343790 ° |
| DWR ID  | DWR_RD0404_01_s _ 2015_31 |              |    |                        |               |
| Action/Comments   |                           |              |    |                        |               |
| Material  |                           |              |    |                        |               |
| Inspector Comments: Remove the large concrete blocks from landward slope. |                           |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD0404\_305\_31\_20151019\_00029.jpg



Looking southeast at concrete blocks on landward slope.

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|          |                    |              |    |                        |               |
|----------|--------------------|--------------|----|------------------------|---------------|
| LM Start | <b>0.21</b>        | Rating **    | C  | Issue No.              | <b>1</b>      |
| LM End   | <b>0.26</b>        | Issue Type + | Ma | Location *             | WS            |
| Category | Supplemental       |              |    | GPS Latitude/Longitude |               |
|          |                    |              |    | Start                  | End           |
| Item     | DWR Erosion Survey |              |    | 37.939480 °            | 37.939480 °   |
|          |                    |              |    | -121.342730 °          | -121.342730 ° |
| DWR ID   |                    |              |    |                        |               |

No Photos

| Action/Comments   |  |  |  |  |  |
|---|--|--|--|--|--|
| Inspector Comments: 06/24/2015: The erosion has been repaired.<br>6/19/2014: No significant change observed.<br>08/13/2013: The boat survey found the erosion has progressed significantly in size and in number of pocket erosions.<br>08/07/2012: The site has been visited by boat survey. The erosion has developed in size, and more pocket erosions were found.<br>8/23/2011: Pockets erosions observed by last survey seem to have progressed during the last flood season. Continuous monitoring of this site suggested<br>9/07/2010: No significant change observed on site. There is emergent vegetation at the water line. Several pocket erosions lined along the lower slope that stretches from RM 40.86 to RM 41.14.<br>9/30/2009: No major change observed; the site was combined with other existing sites are RM's 40.93, 40.98, and 41.14 as one site; several pocket erosion just above non-uniform toe rip rap; previously rated "U"; bare spots along the upper slope.<br>2008: Possibly caused by wave wash erosion; several pocket erosion along the lower slope; site is inside of a bend.<br>2006: Visited site 09/12/06. [2015 Site ID:RD0404U01RM40.86] |  |  |  |  |  |

|          |                    |              |    |                        |               |
|----------|--------------------|--------------|----|------------------------|---------------|
| LM Start | <b>0.34</b>        | Rating **    | C  | Issue No.              | <b>6</b>      |
| LM End   | <b>0.34</b>        | Issue Type + | Ma | Location *             | WS            |
| Category | Supplemental       |              |    | GPS Latitude/Longitude |               |
|          |                    |              |    | Start                  | End           |
| Item     | DWR Erosion Survey |              |    | 37.939228 °            | 37.939228 °   |
|          |                    |              |    | -121.340786 °          | -121.340786 ° |
| DWR ID   |                    |              |    |                        |               |

No Photos

| Action/Comments  |  |  |  |  |  |
|--|--|--|--|--|--|
| Inspector Comments: 06/24/2015: The erosion site has been repaired. Minor erosion is visible at the water edge.<br>06/19/2014: No significant change observed.<br>08/13/2013: The pocket erosion is located at immediately upstream of a small oak tree. [2015 Site ID:RD0404U01RM40.98] |  |  |  |  |  |

|  |  |   |  |   |
|--|--|---|--|---|
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|--|--|---|--|---|



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Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|  |                    |              |    |                        |               |
|--|--------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.34               | Rating **    | U  | Issue No.              | 9             |
| LM End   | 0.34               | Issue Type + | Ma | Location *             | WS            |
| Category   | Supplemental       |              |    | GPS Latitude/Longitude |               |
|  |                    |              |    | Start                  | End           |
| Item   | DWR Erosion Survey |              |    | 37.939190 °            | 37.939190 °   |
|  |                    |              |    | -121.338280 °          | -121.338280 ° |
| DWR ID   |                    |              |    |                        |               |
| Action/Comments  |                    |              |    |                        |               |
| Inspector Comments: 06/24/2015: No significant change observed.<br>6/19/2014: No significant change observed.<br>08/13/2013: No significant change at this site.<br>8/7/2012: The erosion is next to a repaired site and approximately 400 feet downstream of a river bend. There are broken concretes at the upper levee slope, but not visible at the levee toe or lower slope. Likely |                    |              |    |                        |               |

Photo 1 of 2 : SJR2015\_RD0404U01RM41.11\_3.jpg



Close view of the site.

|          |             |              |    |            |                 |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | <b>0.34</b> | Rating **    | U  | Issue No.  | <b>9 (cont)</b> |
| LM End   | <b>0.34</b> | Issue Type + | Ma | Location * | WS              |

Photo 2 of 2 : SJR2015\_RD0404U01RM41.11\_5.jpg



A closer view of the site.

|  |                        |              |    |                        |               |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.43                   | Rating **    | M  | Issue No.              | 5             |
| LM End   | 0.43                   | Issue Type + | Ma | Location *             | CR            |
| Category   | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|  |                        |              |    | Start                  | End           |
| Item   | Animal Control         |              |    | 37.939635 °            | 37.939635 °   |
|  |                        |              |    | -121.339063 °          | -121.339063 ° |
| DWR ID   | DWR_RD0404_01_s_2013_5 |              |    |                        |               |
| Action/Comments  |                        |              |    |                        |               |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.<br>Inspector Comments: District grouted hole, and the deficiency still exist. |                        |              |    |                        |               |

Photo 1 of 4 : FA\_2015\_RD0404\_305\_5\_20150914\_00004.jpg



Looking at partialled grouted rodent hole on levee crown (Fall 2014).

|                 |                      |                          |   |                                   |  |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location      |                      | ** Rating                |   | + Issue Type                      |  |
| LS : Land Side  | N/A : Not Applicable | A : Acceptable           | N : Not Inspected/Rated                 | Ma : Maintenance Deficiency       |  |
| WS : Water Side |                      | M : Minimally Acceptable | C : Corrected                           | Ob : Design & System Obsolescence |  |
| CR : Crown      |                      | U : Unacceptable         | A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |  |

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|  |                        |              |    |                        |               |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.43                   | Rating **    | M  | Issue No.              | 5 (cont)      |
| LM End   | 0.43                   | Issue Type + | Ma | Location *             | CR            |
| Category   | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|  |                        |              |    | Start                  | End           |
| Item   | Animal Control         |              |    | 37.939635 °            | 37.939635 °   |
|  |                        |              |    | -121.339063 °          | -121.339063 ° |
| DWR ID   | DWR_RD0404_01_s_2013_5 |              |    |                        |               |
| Action/Comments  |                        |              |    |                        |               |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                        |              |    |                        |               |
| Inspector Comments: District grouted hole, and the deficiency still exist.                     |                        |              |    |                        |               |

|          |             |              |    |            |                 |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | <b>0.43</b> | Rating **    | M  | Issue No.  | <b>5 (cont)</b> |
| LM End   | <b>0.43</b> | Issue Type + | Ma | Location * | CR              |

|          |             |              |    |            |                 |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | <b>0.43</b> | Rating **    | M  | Issue No.  | <b>5 (cont)</b> |
| LM End   | <b>0.43</b> | Issue Type + | Ma | Location * | CR              |

Photo 2 of 4 : FA\_2015\_RD0404\_305\_5\_20150914\_00005.jpg



Looking at partially grouted rodent hole on levee crown

Photo 3 of 4 : FA\_2015\_RD0404\_305\_5\_20150914\_00006.jpg



Looking at rodent hole on levee crown.

Photo 4 of 4 : FA\_2015\_RD0404\_305\_5\_20150914\_00007.jpg



Looking at one of several rodent holes on levee crown.

|                 |                      |                          |   |                                   |  |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location      |                      | ** Rating                |   | + Issue Type                      |  |
| LS : Land Side  | N/A : Not Applicable | A : Acceptable           | N : Not Inspected/Rated                 | Ma : Maintenance Deficiency       |  |
| WS : Water Side |                      | M : Minimally Acceptable | C : Corrected                           | Ob : Design & System Obsolescence |  |
| CR : Crown      |                      | U : Unacceptable         | A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |  |



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|   |                            |              |    |                        |               |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.45                       | Rating **    | M  | Issue No.              | 104           |
| LM End  | 0.45                       | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee              |              |    | GPS Latitude/Longitude |               |
|   |                            |              |    | Start                  | End           |
| Item  | Vegetation                 |              |    | 37.939627 °            | 37.939627 °   |
|   |                            |              |    | -121.338808 °          | -121.338808 ° |
| DWR ID  | DWR_RD0404_01_s _ 2012_104 |              |    |                        |               |
| Action/Comments   |                            |              |    |                        |               |
| Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Remove bamboo on waterside toe. Bamboo is not within twenty feet zone, but should be removed to stop from spreading along waterward slope. Bamboo has increased in size. |                            |              |    |                        |               |

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>0.45</b> | Rating **    | M  | Issue No.  | <b>104 (cont)</b> |
| LM End   | <b>0.45</b> | Issue Type + | Ma | Location * | WS                |

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>0.45</b> | Rating **    | M  | Issue No.  | <b>104 (cont)</b> |
| LM End   | <b>0.45</b> | Issue Type + | Ma | Location * | WS                |

Photo 1 of 3 : FA\_2015\_RD0404\_305\_104\_20150914\_00022.jpg



Looking northwest at bamboo on waterside toe.

Photo 2 of 3 : FA\_2015\_RD0404\_305\_104\_20150914\_00023.jpg



Looking west at bamboo on waterward slope. 2013

Photo 3 of 3 : FA\_2015\_RD0404\_305\_104\_20150914\_00024.jpg



Looking southwest at bamboo on waterward slope and toe.

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|                                 |                      |              |    |                        |               |
|---------------------------------|----------------------|--------------|----|------------------------|---------------|
| LM Start                        | 0.48                 | Rating **    | U  | Issue No.              | 107           |
| LM End                          | 0.48                 | Issue Type + | En | Location *             | WS            |
| Category                        | Supplemental         |              |    | GPS Latitude/Longitude |               |
|                                 |                      |              |    | Start                  | End           |
| Item                            | DWR UCIP Field Study |              |    | 37.939640 °            | 37.939640 °   |
|                                 |                      |              |    | -121.338175 °          | -121.338175 ° |
| DWR ID                          |                      |              |    |                        |               |
| Action/Comments                 |                      |              |    |                        |               |
| Inspector Comments: FS_ID:40784 |                      |              |    |                        |               |
| DS_ID:22969                     |                      |              |    |                        |               |
| EP_NO: N/A                      |                      |              |    |                        |               |
| FS_HLM: 0.489                   |                      |              |    |                        |               |
| Repair Type: Urgent             |                      |              |    |                        |               |
| Crossing Status: Found          |                      |              |    |                        |               |

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>0.48</b> | Rating **    | U  | Issue No.  | <b>107 (cont)</b> |
| LM End   | <b>0.48</b> | Issue Type + | En | Location * | WS                |

Photo 1 of 3 : UCIP\_FA\_2015\_0870.jpg



WS- closer view of right CM pipe with damaged flap gate

Photo 2 of 3 : UCIP\_FA\_2015\_0871.jpg



WS- right CM pipe with damaged flap gate

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>0.48</b> | Rating **    | U  | Issue No.  | <b>107 (cont)</b> |
| LM End   | <b>0.48</b> | Issue Type + | En | Location * | WS                |

Photo 3 of 3 : UCIP\_FA\_2015\_0872.jpg



WS- two CM pipes with damaged flap gates

|                 |                      |                          |   |                                   |  |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location      |                      | ** Rating                |   | + Issue Type                      |  |
| LS : Land Side  | N/A : Not Applicable | A : Acceptable           | N : Not Inspected/Rated                 | Ma : Maintenance Deficiency       |  |
| WS : Water Side |                      | M : Minimally Acceptable | C : Corrected                           | Ob : Design & System Obsolescence |  |
| CR : Crown      |                      | U : Unacceptable         | A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |  |

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.48                 | Rating **    | U  | Issue No.              | 108           |
| LM End   | 0.48                 | Issue Type + | En | Location *             | WS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 37.939640 °            | 37.939640 °   |
|  |                      |              |    | -121.338175 °          | -121.338175 ° |
| DWR ID   |                      |              |    |                        |               |
| Action/Comments  |                      |              |    |                        |               |
| Inspector Comments: FS_ID:40783<br>DS_ID:22968<br>EP_NO: N/A<br>FS_HLM: 0.489<br>Repair Type: Urgent<br>Crossing Status: Found |                      |              |    |                        |               |

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>0.48</b> | Rating **    | U  | Issue No.  | <b>108 (cont)</b> |
| LM End   | <b>0.48</b> | Issue Type + | En | Location * | WS                |

Photo 1 of 3 : UCIP\_FA\_2015\_0867.jpg



WS- closer look at left CM pipe with missing flap gate

Photo 2 of 3 : UCIP\_FA\_2015\_0868.jpg



WS- left CM pipe with missing flap gate

Photo 3 of 3 : UCIP\_FA\_2015\_0869.jpg



WS- two CM pipes with damaged flap gates

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>0.48</b> | Rating **    | U  | Issue No.  | <b>108 (cont)</b> |
| LM End   | <b>0.48</b> | Issue Type + | En | Location * | WS                |

|                 |                      |                          |   |                                   |  |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location      |                      | ** Rating                |   | + Issue Type                      |  |
| LS : Land Side  | N/A : Not Applicable | A : Acceptable           | N : Not Inspected/Rated                 | Ma : Maintenance Deficiency       |  |
| WS : Water Side |                      | M : Minimally Acceptable | C : Corrected                           | Ob : Design & System Obsolescence |  |
| CR : Crown      |                      | U : Unacceptable         | A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |  |



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|          |                    |              |                        |               |           |
|----------|--------------------|--------------|------------------------|---------------|-----------|
| LM Start | <b>0.59</b>        | Rating **    | C                      | Issue No.     | <b>10</b> |
| LM End   | <b>0.61</b>        | Issue Type + | Ma                     | Location *    | WS        |
| Category | Supplemental       |              | GPS Latitude/Longitude |               |           |
|          |                    |              | Start                  | End           |           |
| Item     | DWR Erosion Survey |              | 37.939133 °            | 37.939133 °   |           |
|          |                    |              | -121.336100 °          | -121.336100 ° |           |
| DWR ID   |                    |              |                        |               |           |

No Photos

| Action/Comments  |  |  |  |  |  |
|--|--|--|--|--|--|
| Inspector Comments: 06/24/2015: The erosion has been repaired.<br>6/19/2014: No significant change observed.<br>08/13/2013: No significant change at this site.<br>08/07/2012: The site was first discovered by levee inspector in the spring inspection. Levee slope was protected with broken concrete blocks, but those blocks have been washed away during high flows. |  |  |  |  |  |

|          |                      |              |                        |               |            |
|----------|----------------------|--------------|------------------------|---------------|------------|
| LM Start | <b>0.65</b>          | Rating **    | M                      | Issue No.     | <b>109</b> |
| LM End   | <b>0.65</b>          | Issue Type + | En                     | Location *    | WS         |
| Category | Supplemental         |              | GPS Latitude/Longitude |               |            |
|          |                      |              | Start                  | End           |            |
| Item     | DWR UCIP Field Study |              | 37.938670 °            | 37.938670 °   |            |
|          |                      |              | -121.335397 °          | -121.335397 ° |            |
| DWR ID   |                      |              |                        |               |            |

| Action/Comments   |  |  |  |  |  |
|---|--|--|--|--|--|
| Inspector Comments: FS_ID:11087<br>DS_ID:17952<br>EP_NO: N/A<br>FS_HLM: 0.6624<br>Repair Type: Non-Urgent<br>Crossing Status: Found |  |  |  |  |  |

Photo 1 of 2 : UCIP\_FA\_2015\_0422.jpg



LS- overview of land side of the levee.

| * Location                                      | ** Rating   | + Issue Type   |
|---|---|--|
| LS : Land Side<br>WS : Water Side<br>CR : Crown | A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable                      | Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
| N/A : Not Applicable                            | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  |



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|          |                      |              |    |                        |                   |
|----------|----------------------|--------------|----|------------------------|-------------------|
| LM Start | <b>0.65</b>          | Rating **    | M  | Issue No.              | <b>109 (cont)</b> |
| LM End   | <b>0.65</b>          | Issue Type + | En | Location *             | WS                |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |                   |
|          |                      |              |    | Start                  | End               |
| Item     | DWR UCIP Field Study |              |    | 37.938670 °            | 37.938670 °       |
|          |                      |              |    | -121.335397 °          | -121.335397 °     |
| DWR ID   |                      |              |    |                        |                   |

**Action/Comments**

Inspector Comments: FS\_ID:11087  
DS\_ID:17952  
EP\_NO: N/A  
FS\_HLM: 0.6624  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Steel intake structure on landside of the levee.  
FIELD\_STRUCT\_DESC: 2 of 3. 30-inch pipes through levee, 22.0 feet below the crown. Waterward end with flap gates. Landward end filled with dirt. Steel intake structure on landside of the levee. Middle flap gate missing and right flap gate broken as of 1/24/07.  
FS Date: 03/26/2013

Photo 2 of 2 : UCIP\_FA\_2015\_0887.jpg



LS- intake structure

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | <b>0.65</b>          | Rating **    | M  | Issue No.              | <b>110</b>    |
| LM End   | <b>0.65</b>          | Issue Type + | En | Location *             | WS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 37.938670 °            | 37.938670 °   |
|          |                      |              |    | -121.335397 °          | -121.335397 ° |
| DWR ID   |                      |              |    |                        |               |

**Action/Comments**

Inspector Comments: FS\_ID:12384  
DS\_ID:18810  
EP\_NO: N/A  
FS\_HLM: 0.662  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Steel intake structure on LS.  
FIELD\_STRUCT\_DESC: 1 of 3. 30-inch CM pipes through levee, 22.0 feet below the crown. Waterward end with damaged flap gates. Steel intake structure on landside. On waterside, middle flap gate missing and right flap gate broken as of 1/24/07.  
FS Date: 03/26/2013

Photo 1 of 3 : UCIP\_FA\_2015\_0893.jpg



LS- overview of landside of the levee.

|  |  |  |  |   |  |   |  |
|--|--|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable |  | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|   |                      |              |    |                        |            |               |
|---|----------------------|--------------|----|------------------------|------------|---------------|
| LM Start  | 0.65                 | Rating **    | M  | Issue No.              | 110 (cont) |               |
| LM End  | 0.65                 | Issue Type + | En | Location *             | WS         |               |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |            |               |
|   |                      |              |    | Start                  |            | End           |
| Item  | DWR UCIP Field Study |              |    | 37.938670 °            |            | 37.938670 °   |
|   |                      |              |    | -121.335397 °          |            | -121.335397 ° |
| DWR ID  |                      |              |    |                        |            |               |
| Action/Comments   |                      |              |    |                        |            |               |
| Inspector Comments: FS_ID:12384   |                      |              |    |                        |            |               |
| DS_ID:18810   |                      |              |    |                        |            |               |
| EP_NO: N/A  |                      |              |    |                        |            |               |
| FS_HLM: 0.662   |                      |              |    |                        |            |               |
| Repair Type: Non-Urgent   |                      |              |    |                        |            |               |
| Crossing Status: Found  |                      |              |    |                        |            |               |
| UCIP Comments: Steel intake structure on LS.  |                      |              |    |                        |            |               |
| FIELD_STRUCT_DESC: 1 of 3. 30-inch CM pipes through levee, 22.0 feet below the crown. Waterward end with damaged flap gates. Steel intake structure on landside. On waterside, middle flap gate missing and right flap gate broken as of 1/24/07. |                      |              |    |                        |            |               |
| FS Date: 03/26/2013   |                      |              |    |                        |            |               |

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>0.65</b> | Rating **    | M  | Issue No.  | <b>110 (cont)</b> |
| LM End   | <b>0.65</b> | Issue Type + | En | Location * | WS                |

Photo 2 of 3 : UCIP\_FA\_2015\_0894.jpg



WS- CM pipes with damaged flap gates

Photo 3 of 3 : UCIP\_FA\_2015\_0895.jpg



LS- steel intake structure

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | + Issue Type<br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|---|--|--|--|--|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|                                 |                      |              |    |                        |               |
|---------------------------------|----------------------|--------------|----|------------------------|---------------|
| LM Start                        | 0.65                 | Rating **    | M  | Issue No.              | 111           |
| LM End                          | 0.65                 | Issue Type + | En | Location *             | WS            |
| Category                        | Supplemental         |              |    | GPS Latitude/Longitude |               |
|                                 |                      |              |    | Start                  | End           |
| Item                            | DWR UCIP Field Study |              |    | 37.938670 °            | 37.938670 °   |
|                                 |                      |              |    | -121.335397 °          | -121.335397 ° |
| DWR ID                          |                      |              |    |                        |               |
| Action/Comments                 |                      |              |    |                        |               |
| Inspector Comments: FS_ID:12383 |                      |              |    |                        |               |
| DS_ID:18811                     |                      |              |    |                        |               |
| EP_NO: N/A                      |                      |              |    |                        |               |
| FS_HLM: 0.663                   |                      |              |    |                        |               |
| Repair Type: Non-Urgent         |                      |              |    |                        |               |
| Crossing Status: Found          |                      |              |    |                        |               |

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>0.65</b> | Rating **    | M  | Issue No.  | <b>111 (cont)</b> |
| LM End   | <b>0.65</b> | Issue Type + | En | Location * | WS                |

Photo 1 of 2 : UCIP\_FA\_2015\_0888.jpg



WS- CM pipes and damaged flap gates

Photo 2 of 2 : UCIP\_FA\_2015\_0889.jpg



LS- steel intake structure

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|  |                        |              |    |                        |               |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.75                   | Rating **    | M  | Issue No.              | 7             |
| LM End   | 0.75                   | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|  |                        |              |    | Start                  | End           |
| Item   | Vegetation             |              |    | 37.937758 °            | 37.937758 °   |
|  |                        |              |    | -121.334149 °          | -121.334149 ° |
| DWR ID   | DWR_RD0404_01_s_2012_7 |              |    |                        |               |
| Action/Comments  |                        |              |    |                        |               |
| Elderberries are blocking visibility and flood fight capability. |                        |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD0404\_305\_7\_20150914\_00008.jpg



Looking southeast at elderberry on landside slope.

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.75                 | Rating **    | U  | Issue No.              | 112           |
| LM End  | 0.75                 | Issue Type + | En | Location *             | LS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 37.937657 °            | 37.937657 °   |
|   |                      |              |    | -121.334158 °          | -121.334158 ° |
| DWR ID  |                      |              |    |                        |               |
| Action/Comments   |                      |              |    |                        |               |
| Inspector Comments: FS_ID:46628   |                      |              |    |                        |               |
| DS_ID:17945   |                      |              |    |                        |               |
| EP_NO: N/A  |                      |              |    |                        |               |
| FS_HLM: 0.76  |                      |              |    |                        |               |
| Repair Type: Urgent   |                      |              |    |                        |               |
| Crossing Status: Found  |                      |              |    |                        |               |
| UCIP Comments: Partially burried flap gate  |                      |              |    |                        |               |
| FIELD_STRUCT_DESC: 42-inch CM drainage pipe 18.0 FBC. Flap gate, concrete headwall and spillway on WS. Pumphouse on LS. |                      |              |    |                        |               |
| Abandoned concrete headwall, power pole, and 2 wooden piles found on LS. O&M #: SJR 001                                 |                      |              |    |                        |               |
| FS Date: 08/04/2015   |                      |              |    |                        |               |

Photo 1 of 3 : UCIP\_FA\_2015\_0842.jpg



WS- slightly tilted outlet structure

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | + Issue Type<br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|---|--|--|--|--|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|          |                      |              |    |                        |                   |
|----------|----------------------|--------------|----|------------------------|-------------------|
| LM Start | <b>0.75</b>          | Rating **    | U  | Issue No.              | <b>112 (cont)</b> |
| LM End   | <b>0.75</b>          | Issue Type + | En | Location *             | LS                |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |                   |
|          |                      |              |    | Start                  | End               |
| Item     | DWR UCIP Field Study |              |    | 37.937657 °            | 37.937657 °       |
|          |                      |              |    | -121.334158 °          | -121.334158 °     |
| DWR ID   |                      |              |    |                        |                   |

**Action/Comments**

Inspector Comments: FS\_ID:46628  
 DS\_ID:17945  
 EP\_NO: N/A  
 FS\_HLM: 0.76  
 Repair Type: Urgent  
 Crossing Status: Found  
 UCIP Comments: Partially buried flap gate  
 FIELD\_STRUCT\_DESC: 42-inch CM drainage pipe 18.0 FBC. Flap gate, concrete headwall and spillway on WS. Pump house on LS.  
 Abandoned concrete headwall, power pole, and 2 wooden piles found on LS. O&M #: SJR 001  
 FS Date: 08/04/2015

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>0.75</b> | Rating **    | U  | Issue No.  | <b>112 (cont)</b> |
| LM End   | <b>0.75</b> | Issue Type + | En | Location * | LS                |

Photo 2 of 3 : UCIP\_FA\_2015\_0843.jpg



WS- Debris and vegetation blocking CM drainage pipe

Photo 3 of 3 : UCIP\_FA\_2015\_0844.jpg



WS- drainage outlet structure and CM pipe with flapgate

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|   |                          |              |    |                        |               |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.78                     | Rating **    | M  | Issue No.              | 8             |
| LM End  | 0.78                     | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|   |                          |              |    | Start                  | End           |
| Item  | Trim / Thin Trees        |              |    | 37.937395 °            | 37.937395 °   |
|   |                          |              |    | -121.333883 °          | -121.333883 ° |
| DWR ID  | DWR_RD0404_01_s _ 2013_8 |              |    |                        |               |
| Action/Comments   |                          |              |    |                        |               |
| Trim trees to at least five feet above ground level.<br>Inspector Comments: Trees are blocking view of the slope. |                          |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD0404\_305\_8\_20150914\_00009.jpg



Looking southeast at dense trees on landward slope and toe.

|  |                           |              |    |                        |     |
|--|---------------------------|--------------|----|------------------------|-----|
| LM Start   | 0.89                      | Rating **    | M  | Issue No.              | 17  |
| LM End   | 0.89                      | Issue Type + | Ma | Location *             | LS  |
| Category   | Earthen Levee             |              |    | GPS Latitude/Longitude |     |
|  |                           |              |    | Start                  | End |
| Item   | Vegetation                |              |    |                        | °   |
|  |                           |              |    |                        | °   |
| DWR ID   | DWR_RD0404_01_f _ 2012_17 |              |    |                        |     |
| Action/Comments  |                           |              |    |                        |     |
| Elderberries are blocking visibility and flood fight capability. |                           |              |    |                        |     |

No Photos

|   |                          |              |    |                        |               |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.95                     | Rating **    | M  | Issue No.              | 2             |
| LM End  | 0.95                     | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|   |                          |              |    | Start                  | End           |
| Item  | Vegetation               |              |    | 37.935990 °            | 37.935990 °   |
|   |                          |              |    | -121.331600 °          | -121.331600 ° |
| DWR ID  | DWR_RD0404_01_s _ 2012_2 |              |    |                        |               |
| Action/Comments   |                          |              |    |                        |               |
| Elderberries are blocking visibility and flood fight capability.<br>Inspector Comments: Elderberries are partially blocking the visibility. |                          |              |    |                        |               |

No Photos

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|  |                        |              |    |                        |               |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.04                   | Rating **    | U  | Issue No.              | 3             |
| LM End   | 1.04                   | Issue Type + | En | Location *             | WS            |
| Category   | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|  |                        |              |    | Start                  | End           |
| Item   | Encroachments          |              |    | 37.935622 °            | 37.935622 °   |
|  |                        |              |    | -121.330137 °          | -121.330137 ° |
| DWR ID   | DWR_RD0404_01_f_2013_3 |              |    |                        |               |
| Action/Comments  |                        |              |    |                        |               |
| Tree or limb   |                        |              |    |                        |               |
| Inspector Comments: Downed tree on waterward slope and shoulder. |                        |              |    |                        |               |

Photo 1 of 2 : FA\_2015\_RD0404\_305\_3\_20150914\_00001.jpg



Looking northwest at downed tree on waterward slope and shoulder.

|          |             |              |    |            |                 |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | <b>1.04</b> | Rating **    | U  | Issue No.  | <b>3 (cont)</b> |
| LM End   | <b>1.04</b> | Issue Type + | En | Location * | WS              |

Photo 2 of 2 : FA\_2015\_RD0404\_305\_3\_20150914\_00002.jpg



Looking north at downed tree on waterward slope and shoulder.

|  |                          |              |    |                        |             |
|--|--------------------------|--------------|----|------------------------|-------------|
| LM Start   | 1.07                     | Rating **    | U  | Issue No.              | 102         |
| LM End   | 1.07                     | Issue Type + | Ma | Location *             | WS          |
| Category   | Earthen Levee            |              |    | GPS Latitude/Longitude |             |
|  |                          |              |    | Start                  | End         |
| Item   | Trim / Thin Trees        |              |    | 37.935358 °            | 37.935358   |
|  |                          |              |    | -121.329645 °          | -121.329645 |
| DWR ID   | DWR_RD0404_01_s_2012_102 |              |    |                        |             |
| Action/Comments                                      |                          |              |    |                        |             |
| Trim trees to at least five feet above ground level. |                          |              |    |                        |             |

Photo 1 of 1 : FA\_2015\_RD0404\_305\_102\_20151019\_00031.jpg



Looking northwest at untrimmed tree on waterward slope.

|  |  |  |  |   |  |   |  |
|--|--|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable |  | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|   |                        |              |    |                        |               |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.09                   | Rating **    | M  | Issue No.              | 4             |
| LM End  | 1.09                   | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|   |                        |              |    | Start                  | End           |
| Item  | Riprap Revetments      |              |    | 37.935158 °            | 37.935158 °   |
|   |                        |              |    | -121.329365 °          | -121.329365 ° |
| DWR ID  | DWR_RD0404_01_f_2013_4 |              |    |                        |               |
| Action/Comments   |                        |              |    |                        |               |
| Inspector Comments: Concrete rubble with rebar should be removed. |                        |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD0404\_305\_4\_20150914\_00003.jpg



Looking southwest at concrete rubble with rebar on waterward slope.

|   |                          |              |    |                        |             |
|---|--------------------------|--------------|----|------------------------|-------------|
| LM Start  | 1.19                     | Rating **    | M  | Issue No.              | 101         |
| LM End  | 1.19                     | Issue Type + | Ma | Location *             | LS          |
| Category  | Earthen Levee            |              |    | GPS Latitude/Longitude |             |
|   |                          |              |    | Start                  | End         |
| Item  | Vegetation               |              |    | 37.934058 °            | 37.934058   |
|   |                          |              |    | -121.328188 °          | -121.328188 |
| DWR ID  | DWR_RD0404_01_s_2012_101 |              |    |                        |             |
| Action/Comments   |                          |              |    |                        |             |
| Remove the wild growth other than native grasses from the levee slopes. |                          |              |    |                        |             |

Photo 1 of 1 : FA\_2015\_RD0404\_305\_101\_20150914\_00021.jpg



Looking southeast at overhanging trees on landside slope.

|  |                          |              |    |                        |               |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.35                     | Rating **    | M  | Issue No.              | 100           |
| LM End   | 1.35                     | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|  |                          |              |    | Start                  | End           |
| Item   | Trim / Thin Trees        |              |    | 37.931945 °            | 37.931945 °   |
|  |                          |              |    | -121.327150 °          | -121.327150 ° |
| DWR ID   | DWR_RD0404_01_s_2012_100 |              |    |                        |               |
| Action/Comments                                      |                          |              |    |                        |               |
| Trim trees to at least five feet above ground level. |                          |              |    |                        |               |

No Photos

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|  |                    |              |    |                        |               |
|--|--------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.44               | Rating **    | M  | Issue No.              | 11            |
| LM End   | 1.46               | Issue Type + | Ma | Location *             | WS            |
| Category   | Supplemental       |              |    | GPS Latitude/Longitude |               |
|  |                    |              |    | Start                  | End           |
| Item   | DWR Erosion Survey |              |    | 37.930450 °            | 37.930450 °   |
|  |                    |              |    | -121.327450 °          | -121.327450 ° |
| DWR ID   |                    |              |    |                        |               |
| Action/Comments  |                    |              |    |                        |               |
| Inspector Comments: 06/24/2015: No significant change observed.<br>06/19/2014: A series of scarp erosions have been found on the lower levee slope and at the levee toe. [2015 Site ID:RD0404U01RM42.02] |                    |              |    |                        |               |

Photo 1 of 2 : SJR2015\_RD0404U01RM42.02\_1.JPG



Front view of the erosion.

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>1.44</b> | Rating **    | M  | Issue No.  | <b>11 (cont)</b> |
| LM End   | <b>1.46</b> | Issue Type + | Ma | Location * | WS               |

Photo 2 of 2 : SJR2015\_RD0404U01RM42.02\_3.JPG



Close view of the erosion. The upstream end of the site is protected by riprap revetment.

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.57                 | Rating **    | M  | Issue No.              | 113           |
| LM End  | 1.57                 | Issue Type + | En | Location *             | WS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 37.928718 °            | 37.928718 °   |
|   |                      |              |    | -121.327206 °          | -121.327206 ° |
| DWR ID  |                      |              |    |                        |               |
| Action/Comments   |                      |              |    |                        |               |
| Inspector Comments: FS_ID:12386<br>DS_ID:17956<br>EP_NO: 15562<br>FS_HLM: 1.5791<br>Repair Type: Non-Urgent<br>Crossing Status: Found |                      |              |    |                        |               |

Photo 1 of 1 : UCIP\_FA\_2015\_0896.jpg



Aerial Photo @HLM=1.5791: No sign posts/markers found.

| * Location                                      | ** Rating   | + Issue Type   |
|---|---|--|
| LS : Land Side<br>WS : Water Side<br>CR : Crown | A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable                      | Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|   | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  |

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.64                 | Rating **    | M  | Issue No.              | 114           |
| LM End   | 1.64                 | Issue Type + | En | Location *             | WS            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 37.928090 °            | 37.928090 °   |
|  |                      |              |    | -121.326215 °          | -121.326215 ° |
| DWR ID   |                      |              |    |                        |               |
| Action/Comments  |                      |              |    |                        |               |
| Inspector Comments: FS_ID:40487<br>DS_ID:18812<br>EP_NO: 10897<br>FS_HLM: 1.65<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Abandoned crossing. WS pipe capped with steel pipe and LS pipe cut.<br>FIELD_STRUCT_DESC: Abandoned 14-inch irrigation pipe. 3.0 feet below levee crown (Permit No. 10897).<br>FS Date: 03/26/2013 |                      |              |    |                        |               |

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>1.64</b> | Rating **    | M  | Issue No.  | <b>114 (cont)</b> |
| LM End   | <b>1.64</b> | Issue Type + | En | Location * | WS                |

Photo 1 of 3 : UCIP\_FA\_2015\_0897.jpg



LS- concrete standpipe on levee slope

Photo 2 of 3 : UCIP\_FA\_2015\_0898.jpg



WS- steel pipe capped with steel plate.

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | + Issue Type<br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|---|--|--|--|--|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|                                 |                      |              |    |                        |               |
|---------------------------------|----------------------|--------------|----|------------------------|---------------|
| LM Start                        | 1.64                 | Rating **    | M  | Issue No.              | 114 (cont)    |
| LM End                          | 1.64                 | Issue Type + | En | Location *             | WS            |
| Category                        | Supplemental         |              |    | GPS Latitude/Longitude |               |
|                                 |                      |              |    | Start                  | End           |
| Item                            | DWR UCIP Field Study |              |    | 37.928090 °            | 37.928090 °   |
|                                 |                      |              |    | -121.326215 °          | -121.326215 ° |
| DWR ID                          |                      |              |    |                        |               |
| Action/Comments                 |                      |              |    |                        |               |
| Inspector Comments: FS_ID:40487 |                      |              |    |                        |               |
| DS_ID:18812                     |                      |              |    |                        |               |
| EP_NO: 10897                    |                      |              |    |                        |               |
| FS_HLM: 1.65                    |                      |              |    |                        |               |
| Repair Type: Non-Urgent         |                      |              |    |                        |               |
| Crossing Status: Found          |                      |              |    |                        |               |

Photo 3 of 3 : UCIP\_FA\_2015\_0899.jpg



WS- abandoned steel pipe capped with steel plate.

|  |                           |              |     |                        |               |
|--|---------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 1.67                      | Rating **    | A/W | Issue No.              | 30            |
| LM End   | 1.67                      | Issue Type + | En  | Location *             | WS            |
| Category   | Earthen Levee             |              |     | GPS Latitude/Longitude |               |
|  |                           |              |     | Start                  | End           |
| Item   | Encroachments             |              |     | 37.927862 °            | 37.927862 °   |
|  |                           |              |     | -121.325832 °          | -121.325832 ° |
| DWR ID   | DWR_RD0404_01_s _ 2015_30 |              |     |                        |               |
| Action/Comments  |                           |              |     |                        |               |
| Tree or limb   |                           |              |     |                        |               |
| Inspector Comments: Broken tree limb on waterward slope. |                           |              |     |                        |               |

No Photos

|  |                           |              |    |                        |               |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.70                      | Rating **    | M  | Issue No.              | 29            |
| LM End   | 1.77                      | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|  |                           |              |    | Start                  | End           |
| Item   | Trim / Thin Trees         |              |    | 37.927517 °            | 37.926632 °   |
|  |                           |              |    | -121.325515 °          | -121.324868 ° |
| DWR ID   | DWR_RD0404_01_s _ 2015_29 |              |    |                        |               |
| Action/Comments                                      |                           |              |    |                        |               |
| Trim trees to at least five feet above ground level. |                           |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD0404\_305\_29\_20150914\_00018.jpg



Looking east at untrimmed trees on waterward slope.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.81                 | Rating **    | M  | Issue No.              | 115           |
| LM End   | 1.81                 | Issue Type + | En | Location *             | WS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 37.926168 °            | 37.926168 °   |
|          |                      |              |    | -121.324514 °          | -121.324514 ° |
| DWR ID   |                      |              |    |                        |               |

| Action/Comments  |  |  |  |  |  |
|--|--|--|--|--|--|
| Inspector Comments: FS_ID:40797<br>DS_ID:17961<br>EP_NO: 6560<br>FS_HLM: 1.814<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Damaged siphon breaker in pipe riser near the landward shoulder.<br>FIELD_STRUCT_DESC: 8-inch pipe through the levee, 7.0 feet below the crown, chain link fence around pump and motor on the waterward slope. (Permit. No. 6560)<br>FS Date: 03/26/2013 |  |  |  |  |  |

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>1.81</b> | Rating **    | M  | Issue No.  | <b>115 (cont)</b> |
| LM End   | <b>1.81</b> | Issue Type + | En | Location * | WS                |

Photo 1 of 3 : UCIP\_FA\_2015\_0519.jpg



LS- damaged and obstructed siphon breaker on levee shoulder.

Photo 2 of 3 : UCIP\_FA\_2015\_0520.jpg



WS- slanted pump, and pipe on levee slope.

| * Location                                      | ** Rating   | + Issue Type   |
|---|---|--|
| LS : Land Side<br>WS : Water Side<br>CR : Crown | A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable                      | Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
| N/A : Not Applicable                            | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  |



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|                                 |                      |              |    |                        |             |
|---------------------------------|----------------------|--------------|----|------------------------|-------------|
| LM Start                        | 1.81                 | Rating **    | M  | Issue No.              | 115 (cont)  |
| LM End                          | 1.81                 | Issue Type + | En | Location *             | WS          |
| Category                        | Supplemental         |              |    | GPS Latitude/Longitude |             |
|                                 |                      |              |    | Start                  | End         |
| Item                            | DWR UCIP Field Study |              |    | 37.926168 °            | 37.926168   |
|                                 |                      |              |    | -121.324514 °          | -121.324514 |
| DWR ID                          |                      |              |    |                        |             |
| Action/Comments                 |                      |              |    |                        |             |
| Inspector Comments: FS_ID:40797 |                      |              |    |                        |             |
| DS_ID:17961                     |                      |              |    |                        |             |
| EP_NO: 6560                     |                      |              |    |                        |             |
| FS_HLM: 1.814                   |                      |              |    |                        |             |
| Repair Type: Non-Urgent         |                      |              |    |                        |             |
| Crossing Status: Found          |                      |              |    |                        |             |

Photo 3 of 3 : UCIP\_FA\_2015\_0620.jpg



WS- slanted pump, pipe, and concrete steps on levee slope.

|   |                         |              |    |                        |     |
|---|-------------------------|--------------|----|------------------------|-----|
| LM Start  | 2.01                    | Rating **    | M  | Issue No.              | 16  |
| LM End  | 2.01                    | Issue Type + | Ma | Location *             | WS  |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |     |
|   |                         |              |    | Start                  | End |
| Item  | Slope Stability         |              |    |                        | °   |
|   |                         |              |    |                        | °   |
| DWR ID  | DWR_RD0404_01_f_2013_16 |              |    |                        |     |
| Action/Comments   |                         |              |    |                        |     |
| Repair the levee slope damaged by foot traffic and prevent access where possible. |                         |              |    |                        |     |
| Inspector Comments: Slope damage due to foot traffic.                             |                         |              |    |                        |     |

Photo 1 of 2 : FA\_2015\_RD0404\_305\_16\_20150914\_00010.jpg



Looking west at slope damage due to foot traffic.

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>2.01</b> | Rating **    | M  | Issue No.  | <b>16 (cont)</b> |
| LM End   | <b>2.01</b> | Issue Type + | Ma | Location * | WS               |

Photo 2 of 2 : FA\_2015\_RD0404\_305\_16\_20150914\_00011.jpg



Looking southwest at slope damage due to foot traffic.

|                 |                      |                          |   |                                   |  |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location      |                      | ** Rating                |   | + Issue Type                      |  |
| LS : Land Side  | N/A : Not Applicable | A : Acceptable           | N : Not Inspected/Rated                 | Ma : Maintenance Deficiency       |  |
| WS : Water Side |                      | M : Minimally Acceptable | C : Corrected                           | Ob : Design & System Obsolescence |  |
| CR : Crown      |                      | U : Unacceptable         | A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |  |

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|  |                         |              |    |                        |     |
|--|-------------------------|--------------|----|------------------------|-----|
| LM Start   | 2.08                    | Rating **    | M  | Issue No.              | 13  |
| LM End   | 2.08                    | Issue Type + | Ma | Location *             | WS  |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |     |
|  |                         |              |    | Start                  | End |
| Item   | Trim / Thin Trees       |              |    |                        | °   |
|  |                         |              |    |                        | °   |
| DWR ID   | DWR_RD0404_01_f_2012_13 |              |    |                        |     |
| Action/Comments                                      |                         |              |    |                        |     |
| Trim trees to at least five feet above ground level. |                         |              |    |                        |     |

No Photos

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 2.21                    | Rating **    | M  | Issue No.              | 28            |
| LM End  | 2.21                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Erosion / Bank Caving   |              |    | 37.921458 °            | 37.921458 °   |
|   |                         |              |    | -121.320502 °          | -121.320502 ° |
| DWR ID  | DWR_RD0404_01_s_2015_28 |              |    |                        |               |
| Action/Comments   |                         |              |    |                        |               |
| Schedule repair of erosion site prior to the next inspection. |                         |              |    |                        |               |
| Inspector Comments: Landward slope erosion.                   |                         |              |    |                        |               |

Photo 1 of 2 : FA\_2015\_RD0404\_305\_28\_20150914\_00016.jpg



Looking east at erosion on landward slope.

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>2.21</b> | Rating **    | M  | Issue No.  | <b>28 (cont)</b> |
| LM End   | <b>2.21</b> | Issue Type + | Ma | Location * | LS               |

Photo 2 of 2 : FA\_2015\_RD0404\_305\_28\_20150914\_00017.jpg



Looking west at erosion on landward slope.

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 01 San Joaquin River | Right | 2.35       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|   |                           |              |    |                        |               |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start  | 2.33                      | Rating **    | M  | Issue No.              | 23            |
| LM End  | 2.35                      | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|   |                           |              |    | Start                  | End           |
| Item  | Riprap Revetments         |              |    | 37.920488 °            | 37.920338 °   |
|   |                           |              |    | -121.318630 °          | -121.318435 ° |
| DWR ID  | DWR_RD0404_01_s _ 2013_23 |              |    |                        |               |
| Action/Comments   |                           |              |    |                        |               |
| Inspector Comments: Remove rebar from existing concrete rip rap on waterward slope. |                           |              |    |                        |               |

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>2.33</b> | Rating **    | M  | Issue No.  | <b>23 (cont)</b> |
| LM End   | <b>2.35</b> | Issue Type + | Ma | Location * | WS               |

Photo 1 of 2 : FA\_2015\_RD0404\_305\_23\_20150914\_00014.jpg



Looking west at concrete rip rap with rebar. (Spring 2015)

Photo 2 of 2 : FA\_2015\_RD0404\_305\_23\_20150914\_00015.jpg



Looking southwest at concrete rip rap with rebar.

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**Reclamation District No. 0404 Boggs**

| Waterway                               |                         |                           | Bank                           | Unit Miles                      |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 02 French Camp Slough         |                         |                           | Right                          | 1.75                            |
|  | Spring<br>(March - May) | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - February) |
| Unit Maintenance Rating<br>(Fall Only) |                         |                           | <b>M</b>                       |                                 |
| Date of Inspection                     | 04/14/2015 - 04/14/2015 |                           | 10/15/2015 - 10/15/2015        |                                 |
| DWR Inspector                          | Richard Willoughby      |                           | Richard Willoughby             |                                 |
| Accompanied By                         | Bob Winter<br>KSN       |                           | Bob Winter<br>KSN              |                                 |

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                       | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 French Camp Slough | Right | 1.75       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|  |                           |              |    |                        |               |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.22                      | Rating **    | C  | Issue No.              | 16            |
| LM End   | 0.22                      | Issue Type + | En | Location *             | WS            |
| Category   | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|  |                           |              |    | Start                  | End           |
| Item   | Encroachments             |              |    | 37.918197 °            | 37.918197 °   |
|  |                           |              |    | -121.315483 °          | -121.315483 ° |
| DWR ID   | DWR_RD0404_02_s _ 2015_16 |              |    |                        |               |
| Action/Comments  |                           |              |    |                        |               |
| Garbage  |                           |              |    |                        |               |
| Inspector Comments: Garbage (sofa) on waterward slope. |                           |              |    |                        |               |
|  |                           |              |    |                        |               |

No Photos

|   |                          |              |     |                        |               |
|---|--------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 0.35                     | Rating **    | A/W | Issue No.              | 3             |
| LM End  | 0.47                     | Issue Type + | Ma  | Location *             | LS            |
| Category  | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|   |                          |              |     | Start                  | End           |
| Item  | Animal Control           |              |     | 37.918935 °            | 37.919543 °   |
|   |                          |              |     | -121.313335 °          | -121.311432 ° |
| DWR ID  | DWR_RD0404_02_s _ 2012_3 |              |     |                        |               |
| Action/Comments   |                          |              |     |                        |               |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.<br>Inspector Comments: Grouting program. |                          |              |     |                        |               |

No Photos

|   |                          |              |     |                        |               |
|---|--------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 0.48                     | Rating **    | A/W | Issue No.              | 8             |
| LM End  | 0.48                     | Issue Type + | Ma  | Location *             | LS            |
| Category  | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|   |                          |              |     | Start                  | End           |
| Item  | Animal Control           |              |     | 37.919525 °            | 37.919525 °   |
|   |                          |              |     | -121.311193 °          | -121.311193 ° |
| DWR ID  | DWR_RD0404_02_s _ 2012_8 |              |     |                        |               |
| Action/Comments   |                          |              |     |                        |               |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.<br>Inspector Comments: Grouting program. |                          |              |     |                        |               |

No Photos

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                       | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 French Camp Slough | Right | 1.75       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|   |                                       |              |     |                        |               |
|---|---------------------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 0.51                                  | Rating **    | A/W | Issue No.              | 12            |
| LM End  | 0.51                                  | Issue Type + | Ma  | Location *             | CR            |
| Category  | Earthen Levee                         |              |     | GPS Latitude/Longitude |               |
|   |                                       |              |     | Start                  | End           |
| Item  | Crown Surface / Depressions / Rutting |              |     | 37.919528 °            | 37.919528 °   |
|   |                                       |              |     | -121.310635 °          | -121.310635 ° |
| DWR ID  | DWR_RD0404_02_f_2012_12               |              |     |                        |               |
| Action/Comments                                   |                                       |              |     |                        |               |
| Repair depressions or ruts in the crown or slope. |                                       |              |     |                        |               |

No Photos

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.73                 | Rating **    | M  | Issue No.              | 68            |
| LM End   | 0.73                 | Issue Type + | En | Location *             | CR            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 37.919336 °            | 37.919336 °   |
|  |                      |              |    | -121.306782 °          | -121.306782 ° |
| DWR ID   |                      |              |    |                        |               |
| Action/Comments  |                      |              |    |                        |               |
| Inspector Comments: FS_ID:10908  |                      |              |    |                        |               |
| DS_ID:18781  |                      |              |    |                        |               |
| EP_NO: 3340A   |                      |              |    |                        |               |
| FS_HLM: 0.731  |                      |              |    |                        |               |
| Repair Type: Non-Urgent  |                      |              |    |                        |               |
| Crossing Status: Found   |                      |              |    |                        |               |
| UCIP Comments: - Not working for 5 years- Golf club staff- Wooden      |                      |              |    |                        |               |
| Walkway; Concrete steps- Damaged siphon breaker                        |                      |              |    |                        |               |
| FIELD_STRUCT_DESC: 6-inch pipe through the levee, 2.0 feet below       |                      |              |    |                        |               |
| the crown. Pump on pile structure in stream. Shut-off valve and siphon |                      |              |    |                        |               |
| breaker on the waterward shoulder. Timber walkway on the waterward     |                      |              |    |                        |               |
| slope. One CM cutoff wall. (Permit No. 3340A)                          |                      |              |    |                        |               |
| FS Date: 03/27/2013  |                      |              |    |                        |               |

Photo 1 of 3 : UCIP\_FA\_2015\_0371.jpg



LS- overview of LS slope

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | + Issue Type<br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|---|--|--|--|--|--|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                       | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 French Camp Slough | Right | 1.75       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|          |                      |              |    |                        |                  |
|----------|----------------------|--------------|----|------------------------|------------------|
| LM Start | <b>0.73</b>          | Rating **    | M  | Issue No.              | <b>68 (cont)</b> |
| LM End   | <b>0.73</b>          | Issue Type + | En | Location *             | CR               |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |                  |
|          |                      |              |    | Start                  | End              |
| Item     | DWR UCIP Field Study |              |    | 37.919336 °            | 37.919336 °      |
|          |                      |              |    | -121.306782 °          | -121.306782 °    |
| DWR ID   |                      |              |    |                        |                  |

**Action/Comments**

Inspector Comments: FS\_ID:10908  
 DS\_ID:18781  
 EP\_NO: 3340A  
 FS\_HLM: 0.731  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: - Not working for 5 years- Golf club staff- Wooden Walkway; Concrete steps- Damaged siphon breaker  
 FIELD\_STRUCT\_DESC: 6-inch pipe through the levee, 2.0 feet below the crown. Pump on pile structure in stream. Shut-off valve and siphon breaker on the waterward shoulder. Timber walkway on the waterward slope. One CM cutoff wall. (Permit No. 3340A)  
 FS Date: 03/27/2013

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.73</b> | Rating **    | M  | Issue No.  | <b>68 (cont)</b> |
| LM End   | <b>0.73</b> | Issue Type + | En | Location * | CR               |

Photo 2 of 3 : UCIP\_FA\_2015\_0372.jpg



WS- damaged, obstructed and buried siphon breaker

Photo 3 of 3 : UCIP\_FA\_2015\_0373.jpg



WS- pump on steel structure and wooden walkway

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                       | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 French Camp Slough | Right | 1.75       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|                                 |                      |              |    |                        |               |
|---------------------------------|----------------------|--------------|----|------------------------|---------------|
| LM Start                        | 0.73                 | Rating **    | M  | Issue No.              | 69            |
| LM End                          | 0.73                 | Issue Type + | En | Location *             | CR            |
| Category                        | Supplemental         |              |    | GPS Latitude/Longitude |               |
|                                 |                      |              |    | Start                  | End           |
| Item                            | DWR UCIP Field Study |              |    | 37.919308 °            | 37.919308 °   |
|                                 |                      |              |    | -121.306714 °          | -121.306714 ° |
| DWR ID                          |                      |              |    |                        |               |
| Action/Comments                 |                      |              |    |                        |               |
| Inspector Comments: FS_ID:10945 |                      |              |    |                        |               |
| DS_ID:18782                     |                      |              |    |                        |               |
| EP_NO: 4448                     |                      |              |    |                        |               |
| FS_HLM: 0.7348                  |                      |              |    |                        |               |
| Repair Type: Non-Urgent         |                      |              |    |                        |               |
| Crossing Status: Found          |                      |              |    |                        |               |

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.73</b> | Rating **    | M  | Issue No.  | <b>69 (cont)</b> |
| LM End   | <b>0.73</b> | Issue Type + | En | Location * | CR               |

Photo 1 of 2 : UCIP\_FA\_2015\_0443.jpg



WS- concrete riser on steep levee slope

Photo 2 of 2 : UCIP\_FA\_2015\_0444.jpg



WS- siphon breaker without cap in concrete riser

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                       | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 French Camp Slough | Right | 1.75       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|   |                          |              |     |                        |               |
|---|--------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 0.82                     | Rating **    | A/W | Issue No.              | 4             |
| LM End  | 0.91                     | Issue Type + | Ma  | Location *             | LS            |
| Category  | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|   |                          |              |     | Start                  | End           |
| Item  | Vegetation               |              |     | 37.918320 °            | 37.917162 °   |
|   |                          |              |     | -121.305740 °          | -121.305285 ° |
| DWR ID  | DWR_RD0404_02_s _ 2012_4 |              |     |                        |               |
| Action/Comments   |                          |              |     |                        |               |
| Remove the wild growth other than native grasses from the levee slopes. |                          |              |     |                        |               |

No Photos

|  |                           |              |    |                        |               |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.13                      | Rating **    | M  | Issue No.              | 67            |
| LM End   | 1.13                      | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|  |                           |              |    | Start                  | End           |
| Item   | Trim / Thin Trees         |              |    | 37.916337 °            | 37.916337 °   |
|  |                           |              |    | -121.301888 °          | -121.301888 ° |
| DWR ID   | DWR_RD0404_02_s _ 2012_67 |              |    |                        |               |
| Action/Comments  |                           |              |    |                        |               |
| Trim and thin trees to allow visibility of the ground and room to flood fight. |                           |              |    |                        |               |
| Inspector Comments: Dense vegetation around propane tank inside fenced area.   |                           |              |    |                        |               |

Photo 1 of 4 : FA\_2015\_RD0404\_306\_67\_20150914\_00007.jpg



Looking northeast at dense vegetation inside fenced area near pump station on landside toe.

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>1.13</b> | Rating **    | M  | Issue No.  | <b>67 (cont)</b> |
| LM End   | <b>1.13</b> | Issue Type + | Ma | Location * | LS               |

Photo 2 of 4 : FA\_2015\_RD0404\_306\_67\_20150914\_00008.jpg



Looking north at dense vegetation on landward toe around propane tank.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                       | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 French Camp Slough | Right | 1.75       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|  |                           |              |    |                        |               |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.13                      | Rating **    | M  | Issue No.              | 67 (cont)     |
| LM End   | 1.13                      | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|  |                           |              |    | Start                  | End           |
| Item   | Trim / Thin Trees         |              |    | 37.916337 °            | 37.916337 °   |
|  |                           |              |    | -121.301888 °          | -121.301888 ° |
| DWR ID   | DWR_RD0404_02_s _ 2012_67 |              |    |                        |               |
| Action/Comments  |                           |              |    |                        |               |
| Trim and thin trees to allow visibility of the ground and room to flood fight. |                           |              |    |                        |               |
| Inspector Comments: Dense vegetation around propane tank inside fenced area.   |                           |              |    |                        |               |

Photo 3 of 4 : FA\_2015\_RD0404\_306\_67\_20150914\_00009.jpg



Looking northeast at dense vegetation on landward toe. (Spring 2013)

Photo 4 of 4 : FA\_2015\_RD0404\_306\_67\_20150914\_00010.jpg



Looking east at dense vegetation near pump station on landside toe.

|   |                           |              |     |                        |               |
|---|---------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 1.13                      | Rating **    | A/W | Issue No.              | 11            |
| LM End  | 1.18                      | Issue Type + | Ma  | Location *             | LS            |
| Category  | Earthen Levee             |              |     | GPS Latitude/Longitude |               |
|   |                           |              |     | Start                  | End           |
| Item  | Animal Control            |              |     | 37.916347 °            | 37.916497 °   |
|   |                           |              |     | -121.301887 °          | -121.301095 ° |
| DWR ID  | DWR_RD0404_02_s _ 2012_11 |              |     |                        |               |
| Action/Comments   |                           |              |     |                        |               |
| Exterminate rodents and backfill program and compact or grout burrows.<br>Inspector Comments: Grouting program is being used. |                           |              |     |                        |               |

No Photos

|                 |                      |                          |   |                                   |  |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location      |                      | ** Rating                |   | + Issue Type                      |  |
| LS : Land Side  | N/A : Not Applicable | A : Acceptable           | N : Not Inspected/Rated                 | Ma : Maintenance Deficiency       |  |
| WS : Water Side |                      | M : Minimally Acceptable | C : Corrected                           | Ob : Design & System Obsolescence |  |
| CR : Crown      |                      | U : Unacceptable         | A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |  |

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                       | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 French Camp Slough | Right | 1.75       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|  |                         |              |    |                        |             |
|--|-------------------------|--------------|----|------------------------|-------------|
| LM Start                               | 1.14                    | Rating **    | U  | Issue No.              | 15          |
| LM End                                 | 1.14                    | Issue Type + | Ma | Location *             | LS          |
| Category                               | Earthen Levee           |              |    | GPS Latitude/Longitude |             |
|  |                         |              |    | Start                  | End         |
| Item                                   | Trim / Thin Trees       |              |    | 37.916388 °            | 37.916388   |
|  |                         |              |    | -121.301683 °          | -121.301683 |
| DWR ID                                 | DWR_RD0404_02_s_2015_15 |              |    |                        |             |
| Action/Comments                        |                         |              |    |                        |             |
| Tree stumps.                           |                         |              |    |                        |             |
| Inspector Comments: Remove dead stump. |                         |              |    |                        |             |

Photo 1 of 1 : FA\_2015\_RD0404\_306\_15\_20150914\_00005.jpg



Looking east at dead stump on landward toe.

|  |                         |              |     |                        |     |
|--|-------------------------|--------------|-----|------------------------|-----|
| LM Start   | 1.15                    | Rating **    | A/W | Issue No.              | 13  |
| LM End   | 1.15                    | Issue Type + | Ma  | Location *             | LS  |
| Category   | Earthen Levee           |              |     | GPS Latitude/Longitude |     |
|  |                         |              |     | Start                  | End |
| Item   | Erosion / Bank Caving   |              |     |                        | °   |
|  |                         |              |     |                        | °   |
| DWR ID   | DWR_RD0404_02_f_2013_13 |              |     |                        |     |
| Action/Comments  |                         |              |     |                        |     |
| Schedule repair of erosion site prior to the next inspection.  |                         |              |     |                        |     |
| Inspector Comments: Landside erosion from equipment placement. |                         |              |     |                        |     |

Photo 1 of 1 : FA\_2015\_RD0404\_306\_13\_20150914\_00004.jpg



Looking southeast at dumpster and landside erosion on landward toe.

|   |                         |              |     |                        |               |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 1.23                    | Rating **    | A/W | Issue No.              | 64            |
| LM End  | 1.23                    | Issue Type + | Ma  | Location *             | WS            |
| Category  | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|   |                         |              |     | Start                  | End           |
| Item  | Animal Control          |              |     | 37.917042 °            | 37.917042 °   |
|   |                         |              |     | -121.300400 °          | -121.300400 ° |
| DWR ID  | DWR_RD0404_02_s_2012_64 |              |     |                        |               |
| Action/Comments   |                         |              |     |                        |               |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.                |                         |              |     |                        |               |
| Inspector Comments: Several rodent holes on waterside shoulder and slope. The District is grouting the holes. |                         |              |     |                        |               |

No Photos

|   |  |   |  |   |  |  |  |
|---|--|---|--|---|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable |  | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | + Issue Type<br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|---|--|---|--|---|--|--|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                       | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 French Camp Slough | Right | 1.75       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.36                    | Rating **    | A  | Issue No.              | 10            |
| LM End  | 1.36                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 37.918214 °            | 37.918214 °   |
|   |                         |              |    | -121.298656 °          | -121.298656 ° |
| DWR ID  | DWR_RD0404_02_f_2012_10 |              |    |                        |               |
| Action/Comments   |                         |              |    |                        |               |
| Exterminate rodents and backfill and compact or grout burrows.<br>Inspector Comments: Grouting rodent holes |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD0404\_306\_10\_20150914\_00003.jpg



Looking southeast at typical grouted rodent holes on landward slope.

|  |                        |              |     |                        |               |
|--|------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 1.47                   | Rating **    | A/W | Issue No.              | 6             |
| LM End   | 1.52                   | Issue Type + | En  | Location *             | LS            |
| Category   | Earthen Levee          |              |     | GPS Latitude/Longitude |               |
|  |                        |              |     | Start                  | End           |
| Item   | Encroachments          |              |     | 37.918440 °            | 37.918517 °   |
|  |                        |              |     | -121.296707 °          | -121.295763 ° |
| DWR ID   | DWR_RD0404_02_s_2012_6 |              |     |                        |               |
| Action/Comments  |                        |              |     |                        |               |
| Fence  |                        |              |     |                        |               |
| Inspector Comments: District or Landowner has removed fencing, but still need to remove fence poles. |                        |              |     |                        |               |

Photo 1 of 2 : FA\_2015\_RD0404\_306\_6\_20150914\_00001.jpg



Looking northeast at fence poles on landside shoulder.

|          |             |              |     |            |                 |
|----------|-------------|--------------|-----|------------|-----------------|
| LM Start | <b>1.47</b> | Rating **    | A/W | Issue No.  | <b>6 (cont)</b> |
| LM End   | <b>1.52</b> | Issue Type + | En  | Location * | LS              |

Photo 2 of 2 : FA\_2015\_RD0404\_306\_6\_20150914\_00002.jpg



Fence at landside shoulder from LM 1.47 to 1.52

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                       | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 French Camp Slough | Right | 1.75       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|  |                           |              |    |                        |             |
|--|---------------------------|--------------|----|------------------------|-------------|
| LM Start   | 1.51                      | Rating **    | M  | Issue No.              | 61          |
| LM End   | 1.51                      | Issue Type + | Ma | Location *             | LS          |
| Category   | Earthen Levee             |              |    | GPS Latitude/Longitude |             |
|  |                           |              |    | Start                  | End         |
| Item   | Animal Control            |              |    | 37.918535 °            | 37.918535   |
|  |                           |              |    | -121.295980 °          | -121.295980 |
| DWR ID   | DWR_RD0404_02_s _ 2012_61 |              |    |                        |             |
| Action/Comments  |                           |              |    |                        |             |
| No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                           |              |    |                        |             |

No Photos

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.55                 | Rating **    | U  | Issue No.              | 70            |
| LM End  | 1.55                 | Issue Type + | En | Location *             | LS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 37.918411 °            | 37.918411 °   |
|   |                      |              |    | -121.295128 °          | -121.295128 ° |
| DWR ID  |                      |              |    |                        |               |
| Action/Comments   |                      |              |    |                        |               |
| Inspector Comments: FS_ID:10853<br>DS_ID:18792<br>EP_NO: 3340<br>FS_HLM: 1.558<br>Repair Type: Urgent<br>Crossing Status: Found<br>UCIP Comments: Abandoned and capped 3-in GI pipe found on WS.<br><br>Damaged air-valve/siphon breaker found on LS.Gully formed due to leaky pipe. A pump house found on LS but it needs to be verified by LMA whether this is associated with this crossing.<br>FIELD_STRUCT_DESC: Abandoned and capped 3-inch GI pipe through levee, 1 feet below the crown; pile structure in stream.<br>damaged siphon breaker at the toe of the landward slope. (Permit No. 3340)<br>FS Date: 03/27/2013 |                      |              |    |                        |               |

Photo 1 of 3 : UCIP\_FA\_2015\_0330.jpg



WS- abandoned pump station.

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                       | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 French Camp Slough | Right | 1.75       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|   |                      |              |    |                        |               |  |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start  | 1.55                 | Rating **    | U  | Issue No.              | 70 (cont)     |  |
| LM End  | 1.55                 | Issue Type + | En | Location *             | LS            |  |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |  |
|   |                      |              |    | Start                  | End           |  |
| Item  | DWR UCIP Field Study |              |    | 37.918411 °            | 37.918411 °   |  |
|   |                      |              |    | -121.295128 °          | -121.295128 ° |  |
| DWR ID  |                      |              |    |                        |               |  |
| Action/Comments   |                      |              |    |                        |               |  |
| Inspector Comments: FS_ID:10853<br>DS_ID:18792<br>EP_NO: 3340<br>FS_HLM: 1.558<br>Repair Type: Urgent<br>Crossing Status: Found<br>UCIP Comments: Abandoned and capped 3-in GI pipe found on WS.<br><br>Damaged air-valve/siphon breaker found on LS.Gully formed due to leaky pipe. A pump house found on LS but it needs to be verified by LMA whether this is associated with this crossing.<br>FIELD_STRUCT_DESC: Abandoned and capped 3-inch GI pipe through levee, 1 feet below the crown; pile structure in stream.<br>damaged siphon breaker at the toe of the landward slope. (Permit No. 3340)<br>FS Date: 03/27/2013 |                      |              |    |                        |               |  |

|          |      |              |    |            |           |
|----------|------|--------------|----|------------|-----------|
| LM Start | 1.55 | Rating **    | U  | Issue No.  | 70 (cont) |
| LM End   | 1.55 | Issue Type + | En | Location * | LS        |

Photo 2 of 3 : UCIP\_FA\_2015\_0331.jpg



WS- soil erosion and gully formation due to leaky pipe

Photo 3 of 3 : UCIP\_FA\_2015\_0332.jpg



WS- capped 3-inch GI pipe

|   |  |   |  |   |  |  |  |
|---|--|---|--|---|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable |  | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | + Issue Type<br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|---|--|---|--|---|--|--|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                       | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 French Camp Slough | Right | 1.75       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|                                 |                      |              |    |                        |               |
|---------------------------------|----------------------|--------------|----|------------------------|---------------|
| LM Start                        | 1.75                 | Rating **    | M  | Issue No.              | 71            |
| LM End                          | 1.75                 | Issue Type + | En | Location *             | LS            |
| Category                        | Supplemental         |              |    | GPS Latitude/Longitude |               |
|                                 |                      |              |    | Start                  | End           |
| Item                            | DWR UCIP Field Study |              |    | 37.917324 °            | 37.917324 °   |
|                                 |                      |              |    | -121.291882 °          | -121.291882 ° |
| DWR ID                          |                      |              |    |                        |               |
| Action/Comments                 |                      |              |    |                        |               |
| Inspector Comments: FS_ID:41904 |                      |              |    |                        |               |
| DS_ID:18793                     |                      |              |    |                        |               |
| EP_NO: 6623                     |                      |              |    |                        |               |
| FS_HLM: 1.752                   |                      |              |    |                        |               |
| Repair Type: Non-Urgent         |                      |              |    |                        |               |
| Crossing Status: Not Found      |                      |              |    |                        |               |

No Photos

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.75                 | Rating **    | M  | Issue No.              | 72            |
| LM End  | 1.75                 | Issue Type + | En | Location *             | LS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 37.917284 °            | 37.917284 °   |
|   |                      |              |    | -121.291740 °          | -121.291740 ° |
| DWR ID  |                      |              |    |                        |               |
| Action/Comments   |                      |              |    |                        |               |
| Inspector Comments: FS_ID:12426<br>DS_ID:18787<br>EP_NO: N/A<br>FS_HLM: 1.7601<br>Repair Type: Non-Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: Only a 7 ft x 14 ft concrete vault found on LS.Needs a sign post.Bob Winter from KSN(representative of RD 404) will investigate on this crossing.<br>FIELD_STRUCT_DESC: 2 of 2. 42-inch-diameter pipelines under the levee. Pipes cross under the channel.<br>FS Date: 03/27/2013 |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2015\_0649.jpg



Crown view of the levee.

|                 |                      |                          |   |                                   |  |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location      |                      | ** Rating                |   | + Issue Type                      |  |
| LS : Land Side  | N/A : Not Applicable | A : Acceptable           | N : Not Inspected/Rated                 | Ma : Maintenance Deficiency       |  |
| WS : Water Side |                      | M : Minimally Acceptable | C : Corrected                           | Ob : Design & System Obsolescence |  |
| CR : Crown      |                      | U : Unacceptable         | A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |  |

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                       | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 French Camp Slough | Right | 1.75       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|  |                      |              |    |                        |               |  |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start   | 1.75                 | Rating **    | M  | Issue No.              | 72 (cont)     |  |
| LM End   | 1.75                 | Issue Type + | En | Location *             | LS            |  |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |  |
|  |                      |              |    | Start                  | End           |  |
| Item   | DWR UCIP Field Study |              |    | 37.917284 °            | 37.917284 °   |  |
|  |                      |              |    | -121.291740 °          | -121.291740 ° |  |
| DWR ID   |                      |              |    |                        |               |  |
| Action/Comments  |                      |              |    |                        |               |  |
| Inspector Comments: FS_ID:12426  |                      |              |    |                        |               |  |
| DS_ID:18787  |                      |              |    |                        |               |  |
| EP_NO: N/A   |                      |              |    |                        |               |  |
| FS_HLM: 1.7601   |                      |              |    |                        |               |  |
| Repair Type: Non-Urgent  |                      |              |    |                        |               |  |
| Crossing Status: Indicator Found   |                      |              |    |                        |               |  |
| UCIP Comments: Only a 7 ft x 14 ft concrete vault found on LS.Needs a sign post.Bob Winter from KSN(representative of RD 404) will investigate on this crossing. |                      |              |    |                        |               |  |
| FIELD_STRUCT_DESC: 2 of 2. 42-inch-diameter pipelines under the levee. Pipes cross under the channel.  |                      |              |    |                        |               |  |
| FS Date: 03/27/2013  |                      |              |    |                        |               |  |

Photo 2 of 2 : UCIP\_FA\_2015\_0650.jpg



LS- 7' x 14' concrete vault.

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.75                 | Rating **    | M  | Issue No.              | 73            |
| LM End  | 1.75                 | Issue Type + | En | Location *             | LS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 37.917284 °            | 37.917284 °   |
|   |                      |              |    | -121.291740 °          | -121.291740 ° |
| DWR ID  |                      |              |    |                        |               |
| Action/Comments   |                      |              |    |                        |               |
| Inspector Comments: FS_ID:10846<br>DS_ID:18804<br>EP_NO: N/A<br>FS_HLM: 1.76<br>Repair Type: Non-Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: Only a 7 ft x 14 ft concrete vault found on LS.Needs a sign post.Bob Winter from KSN(representative of RD 404) will investigate on this crossing.<br>FIELD_STRUCT_DESC: 1 of 2. 42-inch-diameter pipelines under the levee. Pipes cross under the channel.<br>FS Date: 03/27/2013 |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2015\_0328.jpg



Crown view of the levee.

|                 |                      |                          |   |                                   |  |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location      |                      | ** Rating                |   | + Issue Type                      |  |
| LS : Land Side  | N/A : Not Applicable | A : Acceptable           | N : Not Inspected/Rated                 | Ma : Maintenance Deficiency       |  |
| WS : Water Side |                      | M : Minimally Acceptable | C : Corrected                           | Ob : Design & System Obsolescence |  |
| CR : Crown      |                      | U : Unacceptable         | A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |  |

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0404 Boggs**

| Waterway                       | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 French Camp Slough | Right | 1.75       | 10/15/2015<br>10/15/2015 | Richard Willoughby |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.75                 | Rating **    | M  | Issue No.              | 73 (cont)     |
| LM End   | 1.75                 | Issue Type + | En | Location *             | LS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 37.917284 °            | 37.917284 °   |
|          |                      |              |    | -121.291740 °          | -121.291740 ° |
| DWR ID   |                      |              |    |                        |               |

| Action/Comments  |  |  |  |  |  |
|--|--|--|--|--|--|
| Inspector Comments: FS_ID:10846  |  |  |  |  |  |
| DS_ID:18804  |  |  |  |  |  |
| EP_NO: N/A   |  |  |  |  |  |
| FS_HLM: 1.76   |  |  |  |  |  |
| Repair Type: Non-Urgent  |  |  |  |  |  |
| Crossing Status: Indicator Found   |  |  |  |  |  |
| UCIP Comments: Only a 7 ft x 14 ft concrete vault found on LS.Needs a sign post.Bob Winter from KSN(representative of RD 404) will investigate on this crossing. |  |  |  |  |  |
| FIELD_STRUCT_DESC: 1 of 2. 42-inch-diameter pipelines under the levee. Pipes cross under the channel.  |  |  |  |  |  |
| FS Date: 03/27/2013  |  |  |  |  |  |

Photo 2 of 2 : UCIP\_FA\_2015\_0329.jpg



LS- 7' x 14' concrete vault.

| * Location                                      | ** Rating   | + Issue Type   |
|---|---|--|
| LS : Land Side<br>WS : Water Side<br>CR : Crown | A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable                      | Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
| N/A : Not Applicable                            | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  |